

A detailed black and white engraving of a large, multi-story barn with a gambrel roof. The barn has a stone foundation and wooden upper walls. Several large haystacks are being moved by horse-drawn carts. A man is standing on a haystack in the foreground, another is on a haystack being lifted by a crane on the left, and others are visible inside the barn. A horse-drawn cart is in the foreground, and a smaller building is visible in the background.

THOMAS HALL,

PRESCOTT, ONTARIO.

FOR SALE BY EE

Messenger Steam Print, Prescott, Ont,

HALL'S IMPROVED HAY CARRIER.

Thanking my patrons for their generous support in the past, and hoping for a continuance of the same in the future, I present them and the public with the first **Circular** of my **IMPROVED HAY CARRIER**. The success which it has attained since its introduction, in 1883, has been unprecedented, and has won for it a reputation among Hay Carriers which is not equalled by any other in use. I claim that no agricultural implement has ever given such universal satisfaction. No farmer who cuts twenty tons of hay yearly can afford to do without this Carrier. It is as indispensable as the Mower, Rake and Loader. While it has not been my aim to make an apparatus costing the least money, I have endeavoured to sell the cheapest Hay Carrier, upon the principal that the **best is always the cheapest** in the end.

The Carrier is made of iron and steel, and works on a $\frac{5}{8}$ inch

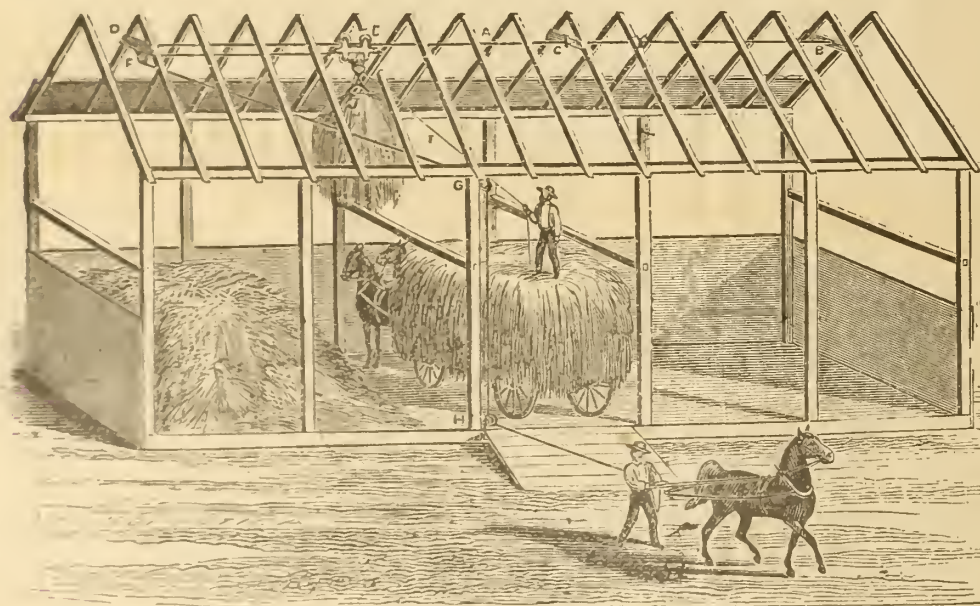
iron rod. It can be put up by any farmer quicker and cheaper than any Carrier working on a wooden track, and when once up it is up for a life time. Many farmers claim that it pays for itself every year, while others affirm that it has paid its **entire cost in a single afternoon**, by securing, before an approaching storm, ten or fifteen tons of hay more than could otherwise have been gotten under cover.

WHAT MY CARRIER HAS DONE.

Nineteen loads of hay weighing over a ton each have been unloaded in three hours, each load being pitched off at four forks full in from two to four minutes. I have testimonials from reliable farmers, stating that they have unloaded 2,000 pounds of hay in *less than three minutes*.

Hay can be pitched into the barn from the gable end as well as from the barn floor, and can be pitched from the bay as well as into it.

EXPLANATION OF CUT.



A is a five-eighth rod extending through the barn from **B** to **D**, where it passes through cross-pieces and is tightened by nuts. **C** is a cross-piece situated directly over the centre of the floor. A small piece of malleable iron through which the iron rod passes, is bolted to this cross piece, and forms a catch, to hold the car in place while the fork full is being drawn up. **E** is the car represented as carrying fork full **J**, from **C** to **D**. The draw rope is fastened to a bolt at the lower end of the car directly under the letter **E**. Thence it passes through the bale pulley to which the fork is attached, thence over the lower wheel of the car, through pulleys **F**, **G** and **H**, successively. **I** is the dump rope, by means of which the man on the load can discharge the fork-full **J** whenever desired. By this rope he also draws the car back to **C**. The car automatically attaches itself to the catch at **C** and releases the bale pulley from the car, and allows the fork to descend to the load. The fork is again set in the load and the horse moves off, and the fork full ascends vertically, until the bale pulley forms a connection with the car, releasing it from the catch **C**, when the fork-full is carried horizontally toward **D** as shown in the cut. To fill the opposite bay, shift the car to the opposite side of cross-piece **C** and attach pulley, **F** to cross-piece **B**.

DIRECTIONS FOR PUTTING UP TRACK.

Erect two temporary stagings within convenient distance from the peak at point **D** and **B**. Spike cross-piece **D** and **B** firmly to rafters as shown in the cut. Ascertain the exact distance from outside to outside of cross piece **D** and **B**, and have the rod welded so as to be six inches longer than this distance. Place the catches face to face (*i. e.* the faces which have a depression at the wider end,) and slip them on to the rod. Put one end of the rod through cross-piece **B**, put on washer and catch on nut, put the other end through cross-piece **D** and turn both nuts until rod is tight. Spike cross-piece **C** as nearly over middle of the floor as possible. If the floor is a wide one, two cross-pieces may be used, spiking them to rafters about three feet from mow, and bolting catch to each one. Bolt catches on each side of cross-piece **C**. Stay the rafters to which end cross-pieces are spiked by letting in scantling, so as to bring the horizontal beam on at the least three pairs of rafters at each end of rod.

The cross-piece **C** is made by boring within one-half inch of the lower edge of cross-piece. Saw out a notch so the rod will draw up into the hole as the rod is tightened. Make it of two inch plank six inches wide, and three feet six inches long, at the longest end. Make the end and cross-pieces of 4 x 4 inch hard wood 2 ft. 8 inches long. Bore an $\frac{7}{8}$ inch hole in the center so a $\frac{3}{4}$ inch rod will slide in easily. Use $\frac{3}{4}$ inch bolt ends for the rod, as cutting the thread reduces the strength to about $\frac{5}{8}$ iron.

For Stacking I guarantee that my carrier has no equal. Frame for stacking can be easily constructed, in the following manner: Sink three posts to required height, placing a ridge pole across top according to track post. Iron rod for carrier to run on should pass through post beneath ridge pole, sufficiently low to allow free transit of carrier.

The Carrier adjusts itself to any position on the track so that it makes no difference whether the load stands under the track or twenty feet away. This is an advantage possessed by few Carriers, and is a very essential one if you wish to fill the barn floor with hay or grain. — •

WARRANTY.

I warrant the Hay Carrier to be equal, if not superior, to any other in use, and to be made of good material and capable of unloading a ton of hay in from three to five minutes, when properly handled. If it does not do its work fully up to the warranty, notice shall at once be given to the proprietor, or one of his authorized agents, that the difficulty may be corrected and another trial had. Continued possession or use will be evidence of satisfaction.

Why My Carrier is the Best.

1st. It is all iron and will wear longer; 2nd the track is iron and will never wear out; 3rd. It takes less room in top of barn; 4th. It never shakes loose and runs off while the hay is going from the load to the top of barn; 5th. the horses have only to draw until the fork strikes the carrier when it will run the length of the barn without further assistance; 6th. the carrier is easier drawn back after hay has been deposited in mow; 7th. the carrier can be changed from one mow to the other in a few minutes; 8th. hay can be taken in at the end of the barn as well as from the floor, without an addition to the barn; 9th. the hay can be taken from the mow and deposited on floor or load as easily as it can be put in the mow.

For the Benefit of those who have never used the iron rod, I add the table below showing the strength of round iron when securely fastened at each end.

| Diameter of rod, inch | Length of rod, feet | Weight it will sustain, pounds. |
|--------------------------|------------------------|------------------------------------|
| " | 25 | 700 |
| " | 50 | 1,100 |
| " | 75 | 1,700 |
| " | 100 | 2,200 |

MY OFFER.

Upon written application I will send one of my Hay Carriers, on trial, to any responsible farmer in Canada, with the understanding that if it performs its work fully up to the warranty, he shall pay the advertised price for it. If it does not perform according to contract, it may be returned to me, I paying the return freight charges.

Any Fork can be used with the Carrier, and as most every farming section has its favorite fork, I do not presume to say which is best.

I Advise all who get new rope to buy only $\frac{3}{4}$ manilla, and before using to boil it about twenty minutes and straighten it out to dry. This makes it pliable and less liable to twist or kink.

Price of Hay Carrier \$12.00
With Fork, Pulleys and Hooks Complete, \$21.00.

Reliable agents wanted in every farming community in Canada.

For further particulars address,

THOMAS HALL,

Box 463, Prescott, Ont.

The Following Testimonials Speak for Themselves.

BROCKVILLE, Aug. 23, 1883.

We, the undersigned, having used Hall's Improved Hay Carrier this season, would recommend it as being the best in the market. Would not be without one as it saves both time, money and hard labor. The car will not wear out easily as it is all iron and the track it runs upon the same. Everyone that seen it work say it is the best they have ever seen.

W. WILSON.

J. C. WATROUS.

A. DAVISON

PRESCOTT, ONT., Aug. 13, 1883.

TO ALL WHOM IT MAY CONCERN.—This is to certify that having used Hall's Improved Hay Carrier in my barn this season I find it superior to anything used in this section of country, and also find a great saving of labor and would not be without it under any consideration.

JOHN MCCARTHY.

P. S.—My men unloaded twenty-one large loads of Hay in one afternoon, and another point in its favor is doing its work so well over such a long barn, being one hundred and thirty-six feet long, and takes it from the waggon in the middle of the barn and delivers at both ends satisfactorily.

J. McC

ELIZABETHTOWN, Aug. 31, 1883.

This is to certify that I have used one of T. Hall's Improved Hay Carriers in a sixty foot mow carrying the hay the whole distance and unloading a ton of hay in four forkfuls, and never had the least trouble the whole season, consider it as useful as a mower.

D. W. ROSS.

AUGUSTA, Aug. 17th, 1883.

MR. THOS. HALL, Dear Sir,—The Hay Carrier I purchased from you has worked to my entire satisfaction, having given it a thorough trial, unloading 30 loads of hay in one barn without any delay or loss of time. I consider it the most perfect Hay Carrier in the market. I have used the wooden track but found it was liable to get out of order, and therefore had to take it out and replace it with one of your iron tracks.

Yours Respectfully,

JOHN MELLAFONT.

AUGUSTA, Aug. 21, 1883.

T. HALL, Dear Sir—Your Hay Carrier has given entire satisfaction, have had no trouble whatever as it worked every time. You will sell a number of them in this locality next season. Would not be without one. Have unloaded one ton of hay in three minutes. Use it in shed 50 ft long, taking hay in at end, as soon as fork strikes carrier there is no more draft on horses, as it will run whole length without further assistance. Have used both double and single harpoon fork and find single fork takes off the fastest.

T. C.

AUGUSTA, Aug. 13, 1883.

This is to certify that I have used Hay Carrier, put up by Thomas Hall this season. Have unloaded over 100 loads of hay and it has given me great satisfaction. Have done my haying quicker than I ever did it before, would not be without one for five times what it cost. Have unloaded 2 tons of hay in five minutes, carrying it over 60 feet. My barn is 132 feet long, with one driving floor, 12 feet from end. I have 1 rod runs 79 feet the remainder of the barn I fill from end, the carrier running to last pair of rafters, the hay being drawn up the end of barn and then taken back 53 feet. I would recommend anyone wanting Hay Carrier to purchase one of Hall's Improved Hay Carriers, as I think they are the best in the market.

P. C. MURLOCK.

AUGUSTA, Aug. 31, 1883.

T. HALL, Dear Sir,—I have used your Carrier with the Improvement on it and it works satisfactorily.

M. A. MANHARD.

August 14th, 1883.

I purchased a Hay Carrier from Thomas Hall and find it a labor-saving apparatus, and would not be without one.

WM. HENDRY.

PRESCOTT, Sept. 4, 1883.

I have used Hay Carrier put up by T. Hall this season and would not be without one for twice what they cost. I have unloaded 150 tons of hay and have had no trouble. One barn is 85 feet long, one mow 60 feet long, used $\frac{3}{4}$ rod, found it strong enough. After I filled mows with hay drew oats into barn floor with Carrier, unloading large loads in two forkfuls in from two to five minutes. Consider it one of the best labor-saving machines in the market.

JOHN SMITH.

I can't say enough in praise of your Carrier. I have hardly realized that I have been having this year. I have had no extra help and think it has paid for itself this year. You take no risk in sending it on trial. We'd not be without it for three times its cost.

I used one of your Carriers last season and am well pleased with it, as were all who saw it work. If I could not get another, would not have it taken out for many times its cost. A trial will convince any one that it is the best on the market.

I have used the Carrier bought of you last season, and know it has paid for itself already. It is the greatest labor-saving implement I ever saw. No sensible man can deny its utility in saving and storing hay. I shall never do without one as long as I raise a ton of hay.

THE *Dear Sir*—I have used one of your Hay Elevators the past season and am therefore recommending it as a labor saving machine, paying its costs in one year. I would advise any one who is about to purchase a horse to buy one of your kind, to add one of your Carriers to it, as it cannot be too soon recommended.

MR. TAYLOR: Sir.—It gives me great pleasure in recommending the *Woolley* to the farmers of our surrounding country as I have been told that it can do all that it is recommended to do; it is a good sowing machine to all is required, and no humbug.

On the 15th, I used one of Hall's improved Hay Carriers, and was surprised to find that in 2 tons of hay in 5 minutes, in 1 minute, they cut in across all the hay and broke nothing. I thought they were made to last, and were waiting a Hay Carrier Company to improve as they are simple strong and will last a long time. The rollers being 10 in diameter, I did not think it would stand so long. It took 1 ton of hay 1/2 ton of hay across 40 feet stretch.

Truck and found it to give good satisfaction in every way.

JAS. SIMPSON.

This is to certify that we have used one of Hall's Improved Hay Carriers and it has given good satisfaction. After using in one barn we had rods put in all our barns, two of them we took the hay in from the end and found it worked well, carrying hay whole length of barn, took off one load of hay in 2 forkfulls, not making over 4 of any load, in from 3 to 10 minutes. Would recommend Hay Carrier as the best in the market. Would not be without one as it saves the price of itself every year.

Having used one of T. Hall's Improved Hay Carriers would recommend it to all farmers wanting a machine to unload hay. It is simple, durable and works right every time. My barn is 76 feet long, with one floor in centre. My little boy and myself did all my haying without any extra help, thereby saving both time and money as I would have had to hire an extra man to help me pitch. Would not be without one as I consider it a great labor-saving machine.

T. HALL, *Dear Sir*.—The Hay Carrier you put up for us has given good satisfaction. We have used it in two barns and one shed, taking off more hay in one day than we could pitch by hand in two. We consider it the best labor-saving machine in use, and would recommend it to all farmers as it is not liable to get out of order and will last a life time. We filled a 30x40 barn with hay in less than a day, which if we had to pitch by hand would not have been gotten in, and would have been spoiled as it rained next day.

Have used Hay Carrier put up by T. Hall, it has worked well, have taken off about 60 tons hay and have had no trouble, no tinkering when I was in a hurry. Unloaded one ton in three minutes. Would not be without one for three times what it cost, as I consider that it will save the price of itself in one year. My barn is over 70 feet long, track for Carrier is iron, found it strong enough. Would recommend any one wanting Hay Carrier to buy Hall's Improved, every one being warranted or no sale.

N. J. IRVINE.

N. J. IRVINE.

A sketch of a hand holding a pen, with various numbers and symbols written around it. The numbers include 2, 9, 1, 5, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. There are also symbols like a plus sign, a minus sign, a multiplication sign, a division sign, and a percent sign. The sketch is done in a simple, expressive style with bold lines.

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3639
21

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